

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 53 | (MacDougall with trevor).in. or (taverner with domino).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/03/08 18:28 |
| S2 | 6 | (("5945666") or ("6856400") or ("9836252")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/03 14:43 |
| S3 | 8 | (("5923687") or ("5610987") or ("6441932") or ("4890630")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/03 14:45 |
| S4 | 307 | noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4) and ((fiber or fibre) bragg grating) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 17:48 |
| S5 | 1 | S4 and broadband noise and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 14:58 |
| S6 | 1 | S4 and ((broadband or white)) noise and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 14:59 |
| S7 | 1 | S4 and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 14:59 |
| S8 | 79 | ((broadband or white)) noise and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:22 |
| S9 | 52 | S8 and noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:02 |

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| S10 | 21 | S8 and noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4) and (Fourier or frequency analysis) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:03 |
| S12 | 119 | ((broadband or white or aperiodic) noise or (noise floor)) and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:29 |
| S13 | 26 | S12 and optic\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:50 |
| S15 | 3 | subtract with (average\$3 near3 (broadband noise or white noise or noise floor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:55 |
| S16 | 3 | subtract same (average\$3 near5 (broadband noise or white noise or noise floor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:56 |
| S17 | 449 | average\$3 near5 (broadband noise or white noise or noise floor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 16:02 |
| S18 | 138 | S17 and optic\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:57 |
| S19 | 106 | S18 and (remov\$ or eliminat\$ or delete) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 15:58 |
| S20 | 126 | S18 and (remov\$3 or eliminat\$3 or delete or reduction or cancel\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 16:00 |
| S21 | 43 | (subtract or remov\$ or eliminat\$ or delete) same (average\$3 near5 (broadband noise or white noise or noise floor)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 11:15 |

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| S22 | 126 | (subtract or remov\$ or eliminat\$ or delete) same (average\$3 near5 (random near2 noise or background noise or aperiodic noise)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 16:45 |
| S23 | 126 | S22 not S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 11:31 |
| S24 | 59 | S23 and optic\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 16:45 |
| S25 | 101 | noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4 or reduction or reduct\$2 or delete) and ((fiber or fibre) bragg grating or FBG) and sensor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 18:09 |
| S27 | 1 | S25 and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 17:51 |
| S28 | 1 | S25 and reflection noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 17:51 |
| S30 | 42 | periodic noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4 or reduction or reduct\$2 or delete) and (fourier or FFT) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 17:54 |
| S31 | 42 | periodic noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4 or reduction or reduct\$2 or delete) and (fourier or FFT or frequency analysis) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 12:34 |
| S32 | 25 | S31 and optic\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 17:56 |
| S33 | 25 | S25 and (fourier or FFT or frequency analysis) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 18:08 |

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| S34 | 24 | S33 not S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 18:09 |
| S35 | 20 | noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4 or reduction or reduct\$2 or delete) and (FBG or fiber bragg grating) sensor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 19:22 |
| S36 | 6 | (("5552882") or ("6597711") or ("6212306")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/03 19:25 |
| S38 | 2 | S36 and noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/03 19:25 |

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|-----|-----|--|------------------------------|-----|----|------------------|
| S39 | 116 | ("20010013934" "20020129662" "20030066359" "3149492" "3851521" "4080837" "4114439" "4144768" "4159646" "4164865" "4236406" "4275602" "4445389" "4499418" "4515473" "4520320" "4546649" "4706501" "4788852" "4813270" "4862750" "4864868" "4884457" "4896540" "4932262" "4947127" "4950883" "4976151" "4996419" "5024099" "5031460" "5040415" "5051922" "5058437" "5083452" "5099697" "5115670" "5152181" "5207107" "5218197" "5317576" "5321991" "5347873" "5361130" "5363342" "5367911" "5372046" "5398542" "5401956" "5401959" "5426297" "5440932" "5493390" "5493512" "5513913" "5564832" "5576497" "5591922" "5597961" "5639667" "5642098" "5644093" "5654551" "5657405" "5670720" "5680489" "5689540" "5708211" "5730219" "5732776" "5741980" "5754293" "5803167" "5804713" "5808779" "5842347" "5845033" "5906238" "5907104" "5908990" "5925821" "5925879" "5939643" "5956132" "5959547" "5963880" "5975204" "5987197" "5991026" "5992519" "5996690" "6002985" "6003383" "6003385" "6009216" "6016702" "6158288" "6195162" "6212306" "6216532" "6233374" "6279660" "6285806" "6337737" "6346702" "6354147" "6449047" "6450037" "6463813" "6466706" "6489606" "6536291" "6601458" "6691584" "6782150").PN. OR ("7109471"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/10/03 19:52 |
| S40 | 59 | S39 and noise | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/10/03 19:55 |
| S41 | 3 | S40 and fbg | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/10/03 19:56 |

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| S42 | 25 | S40 and (fbg or Bragg grating) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/10/03 19:56 |
| S43 | 1 | gate\$2 near2 periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 11:34 |
| S44 | 23 | (fourier analysis or FFT) with periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 11:43 |
| S45 | 24 | (fourier analysis or FFT) same periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 12:26 |
| S46 | 1 | S45 not S44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 11:43 |
| S47 | 2161 | (fourier analysis or FFT) with noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 14:55 |
| S48 | 2068 | S47 and signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 12:27 |
| S49 | 645 | S48 and optic\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 12:35 |
| S50 | 3 | S49 and (FBG or Bragg grating) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 12:28 |
| S51 | 366 | S49 and (noise near5 (cancel\$6 or remov\$4 or eliminat\$4 or suppress\$4 or reduction or reduct\$2 or delete)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 13:35 |

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| S52 | 2 | ("4093988").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/04 13:16 |
| S53 | 1 | S52 and periodic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 13:16 |
| S54 | 338 | S51 and filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 13:35 |
| S55 | 144 | S54 and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 13:36 |
| S56 | 5 | (fourier analysis or FFT) with filter noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 15:56 |
| S57 | 52 | (fourier analysis or FFT) with (filter near2 noise) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 15:15 |
| S58 | 4 | "6346702".pn. or "20040155794".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 15:15 |
| S59 | 15 | ("4315413" "4488823" "5042898" "5291013" "5361130" "5469520" "5691999" "5818585").PN. OR ("6346702").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/10/04 15:49 |
| S60 | 1 | "5416847".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/10/04 15:49 |
| S61 | 2 | (fourier analysis or FFT) same (noise near2 (gate or gated or gating)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/04 15:57 |

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|-----|------|---|---|-----|----|------------------|
| S62 | 2 | "5194768".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:24 |
| S63 | 1 | (gating or gate or gated) near2 (periodic noise) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:30 |
| S64 | 2977 | (gating or gate or gated) near2 noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:27 |
| S65 | 560 | S64 and optic\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:31 |
| S66 | 7 | S65 and (fiber Bragg grating or FBG) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:28 |
| S67 | 201 | S65 and fiber | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:31 |
| S68 | 63 | S65 and (fourier or fft) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:40 |
| S69 | 137 | S64 and (fourier or fft) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 16:40 |
| S70 | 74 | S69 not S68 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:11 |
| S71 | 11 | "629054" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:12 |

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| S72 | 0 | "629054" and (gating or gate or gated) and digital | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:12 |
| S73 | 0 | "629054" and (gating or gate or gated) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:13 |
| S74 | 3 | "629054" and digital | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:13 |
| S75 | 452 | (cooper with david).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:31 |
| S77 | 12 | (cooper with david).in. and Bragg | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:32 |
| S78 | 3 | S77 and gat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:40 |
| S79 | 0 | S77 and (fourier or FFT) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:33 |
| S80 | 7 | S77 and spectrum | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:40 |
| S81 | 3 | S78 and spectrum | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:48 |
| S82 | 1 | "20020025097".pn. and spectrum analy\$ and noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 17:49 |

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| S83 | 53 | (MacDougall with trevor).in. or (taverner with domino).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 18:10 |
| S84 | 9 | S83 and FBG | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/10 18:43 |
| S85 | 1 | "6346702".pn. and spectrum | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 09:34 |
| S89 | 2 | "6097487".pn. and tuneable | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 10:44 |
| S91 | 3732 | (398/149 or 398/24 or 398/024 or 250/227 or 250/227.14 or 385/12 or 367/131 or 356/450 or 340/855\$ or 702/065).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 10:46 |
| S92 | 554 | S91 and Bragg | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 10:47 |
| S93 | 288 | S91 and fourier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 10:47 |
| S94 | 66 | S92 and Fourier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 10:47 |
| S95 | 46 | S94 and bragg grating | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 10:47 |
| S96 | 6 | (("6175108") or ("5945666") or ("6955085") or ("6856400") or ("6449047") or ("20020131054")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/13 15:02 |

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| S97 | 1 | ("6346702").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/08 16:45 |
| S98 | 16 | ("4315413" "4488823" "5042898" "5291013" "5361130" "5469520" "5691999" "5818585").PN. OR ("6346702"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/03/08 16:45 |

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| S99 | 116 | <p>("20010013934" "20020129662" "20030066359" "3149492" "3851521" "4080837" "4114439" "4144768" "4159646" "4164865" "4236406" "4275602" "4445389" "4499418" "4515473" "4520320" "4546649" "4706501" "4788852" "4813270" "4862750" "4864868" "4884457" "4896540" "4932262" "4947127" "4950883" "4976151" "4996419" "5024099" "5031460" "5040415" "5051922" "5058437" "5083452" "5099697" "5115670" "5152181" "5207107" "5218197" "5317576" "5321991" "5347873" "5361130" "5363342" "5367911" "5372046" "5398542" "5401956" "5401959" "5426297" "5440932" "5493390" "5493512" "5513913" "5564832" "5576497" "5591922" "5597961" "5639667" "5642098" "5644093" "5654551" "5657405" "5670720" "5680489" "5689540" "5708211" "5730219" "5732776" "5741980" "5754293" "5803167" "5804713" "5808779" "5842347" "5845033" "5906238" "5907104" "5908990" "5925821" "5925879" "5939643" "5956132" "5959547" "5963880" "5975204" "5987197" "5991026" "5992519" "5996690" "6002985" "6003383" "6003385" "6009216" "6016702" "6158288" "6195162" "6212306" "6216532" "6233374" "6279660" "6285806" "6337737" "6346702" "6354147" "6449047" "6450037" "6463813" "6466706" "6489606" "6536291" "6601458" "6691584" "6782150").PN. OR ("7109471"). URPN.</p> | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/03/08 17:29 |
| S10 0 | 7 | (frequency analysis or fourier analysis or FFT) same periodic noise and electrical signal | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/03/08 17:36 |
| S10 1 | 23 | (frequency analysis or fourier analysis or FFT) same periodic noise | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/03/08 17:36 |

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| S10 2 | 16 | S101 not S100 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/03/08 17:36 |
| S10 3 | 55 | (MacDougall with trevor).in. or (taverner with domino).in. and grating | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/03/08 18:29 |
| S10 4 | 24 | (MacDougall with trevor or taverner with domino).in. and grating and periodic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/03/08 18:30 |
| S10 5 | 1 | (MacDougall with trevor or taverner with domino).in. and grating and periodic noise | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/03/08 18:30 |
| S10 6 | 1 | ("20020025097").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/13 15:02 |